

**PROFILE FOR AN AUTOMOBILE STRUCTURAL ELEMENT AND**  
**CORRESPONDING CHASSIS**

**ABSTRACT**

This profile (14) for a structural element of an automobile extends in a longitudinal direction (L) and includes an outer envelope (15A) defining a closed content in cross-section. It includes a transverse rigidification core (15B) inside the envelope (15A) linking opposite points of the envelope. The profile is made from a metal sheet blank with two longitudinal edges (44, 46). The blank includes an area (32) forming the rigidification core (15B) of the profile, and a longitudinal margin (40, 34, 36, 29A, 38, 30, 42, 29B) folded longitudinally, the two longitudinal edges (44, 46) of the blank being joined to the said metal sheet blank in its running part.